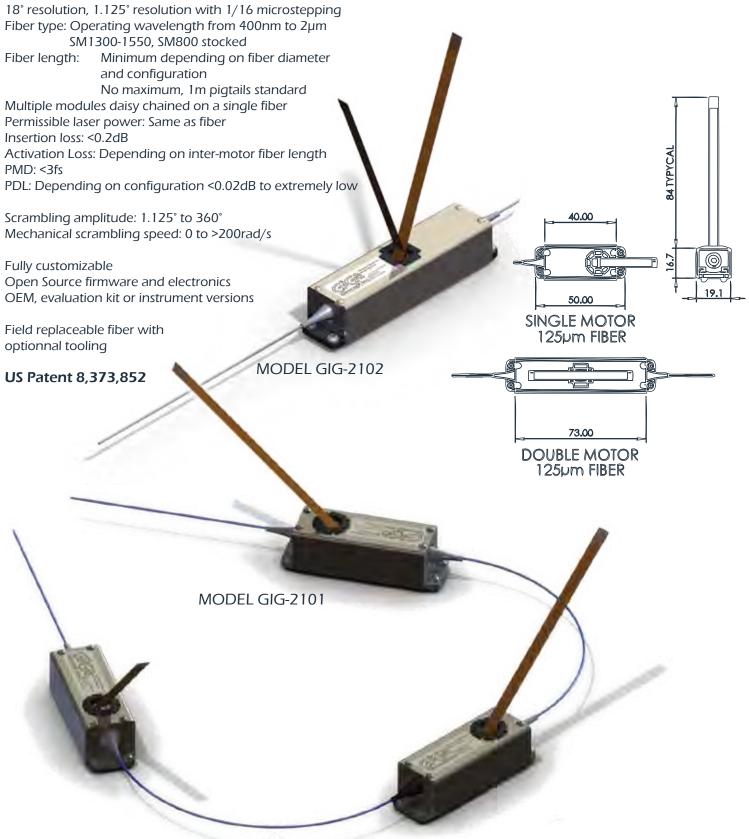


AnyWave Fiberbench Modal Explorer

ALL FIBER POLARIZATION SCRAMBLER and CONTROLLER



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AnyWave Fiberbench Modal Explorer

ALL FIBER POLARIZATION CONTROLLER and SCRAMBLER HIGH RESOLUTION

All fiber, low loss

0.1125° resolution, stepper motor operation

Wide operating wavelength range: 400 nm to 1550 nm and beyond SM fibers available Multiple modules can be daisy chained on a single fiber

Insertion loss: <0.2dB PMD: <3fs PDL: Depending on configuration <0.02dB to extremely low Adjustable element retardance Any number or retardance elements per fiber Fully customizable Available as: **OEM Module** 2 g 3 **Open Source Reference Design Compact Instrument USB** Interface 19.1 **Applications:** Industrial OCT Medical OCT SINGLE MOTOR Laser control ANY FIBER Lefebvre Loops replacement T&M DOUBLE MOTOR 125_{um} FIBER GIG-2201 GIG-2202 GIG-4202 **USB** Reference Design US Patent 8,373,852 www.gigaconcept.com 2013 Catalog



AnyWave Fiberbench Modal Explorer

HIGH RESOLUTION INSTRUMENT ALL FIBER POLARIZATION SCRAMBLER and CONTROLLER

Optical specifications:

All fiber Spliceless Optical signal path Polyimide coated SM fiber Available wavelengths 400nm to 1610nm Low Insertion loss: Typ. <0.2dB, 0.5dB Max. Activation loss: Depending on inter-motor fiber length <0.05dB to <<0.0001dB is possible PMD: <3fs FC/APC connectors or custom

Electrical specifications:

Integrated microcomputer control Field updatable firmware USB remote with simple protocol Terminal software with macro capability 9VDC wall plug power supply **RoHS** compliant

Possible customizations:

Fiber: User defined operating wavelength Connectors: User defined Compensation fiber: equal length patch cord Custom software functions

MODEL GIG-4203

US Patent 8,373,852



光技術をサポートする 株式会社オプトサイエンス

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